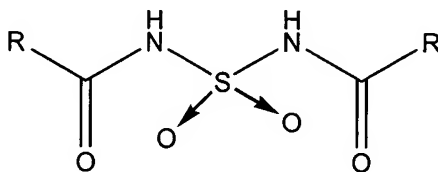


Amendments to the Claims

1) (ORIGINAL) Novel chemical compounds which when reacted with a source of peroxide such as hydrogen peroxide, sodium perborate, or sodium percarbonate will produce peroxy acids such as peroxypropionic acid (PPA) that can be used in various formulations including antimicrobial composition.

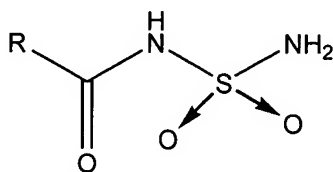
2) (CURRENTLY AMENDED) ~~Structures under Claim 1 that include~~ A composition according to claim 1 comprising chemical structures as defined by the following schematic: formula:



in which:

R= C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain.

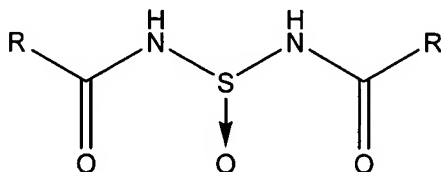
3) (CURRENTLY AMENDED) ~~Structures under Claim 1 that include~~ A composition according to claim 1 comprising chemical structures as defined by the following schematic: formula:



in which:

R= C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain.

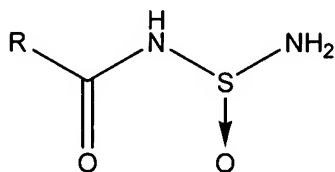
4) (CURRENTLY AMENDED) ~~Structures under Claim 1 that include~~ A composition according to claim 1 comprising chemical structures as defined by the following schematic: formula:



in which:

R= C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain.

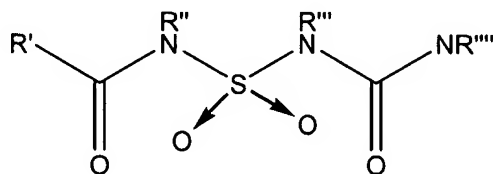
5) (CURRENTLY AMENDED) ~~Structures under Claim 1 that include~~ A composition according to claim 1 comprising chemical structures as defined by the following schematic: formula:



in which:

R= C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain.

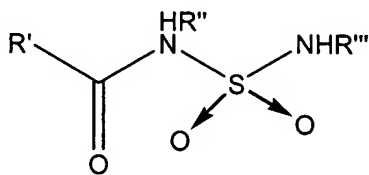
~~schematic:~~ formula:



in which:

R' = C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain
R'' = H or C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain
R''' = H or C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain
R'''' = C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain
R', R'', R''', and R'''' may also contain heteroatoms

7) (CURRENTLY AMENDED) ~~Structures under Claim 1 that include~~ A composition
according to claim 1 comprising chemical structures as defined by the following
schematic formula:



in which:

R' = C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain
R'' = H or C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain
R''' = H or C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain
R'''' = C1 to C20 alkyl or aryl chain or mixed aryl and alkyl chain
R', R'', R''', and R'''' may also contain heteroatoms

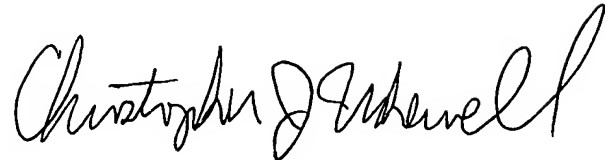
8) (CANCELLED)

9) (CANCELLED)

Thus, it is respectfully requested that this preliminary amendment be entered herein.

Thank you for your consideration.

Respectfully submitted,

A handwritten signature in black ink, reading "Christopher J. Whewell". The signature is fluid and cursive, with the first name "Christopher" and last name "Whewell" clearly legible.

Christopher J. Whewell, Reg. No. 37,469
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